In the Claims

1. (Currently amended) In a communication system, a method of optimizing MPEG-7 transmissions between a server and one or more clients, a first ADL (application descriptive language) which is a subset of MPEG-7 DDL (Description definition language) being translated into binary for communication to a first client, the method comprising;

    receiving, by the first client, the binary communication of the first ADL; and

    translating, by the first client, the binary communication into the first ADL, the binary communication being translated using a decoding codebook generated using a frequency table, and an XSLT (XML style translation) document for translating MPEG-7 DDL into the first ADL.

2. (Currently amended) The method of claim 1 further comprising:

    generating, by the server, the first ADL from the MPEG-7 DDL.

3. (Currently amended) The method of claim 1 further comprising:

    generating, by the server, the XSLT document.

4. (Previously presented) The method of claim 1 further comprising:

    generating, by the server, the frequency table for translating the first ADL into the binary communication.

5. (Previously presented) The method of claim 1 further comprising:

    downloading, by the first client, the frequency table and the XSLT document, prior to receiving the binary communication.

6. (Canceled)

7. (Currently amended) The method of claim 1 further comprising:

    communicating information carried by the binary communication to a second client via the server.

8. (Previously presented) The method of claim 7 further comprising:

translating the first ADL into the binary communication;

forwarding the binary communication to the server;

translating, by the server, the binary communication into the first ADL;

translating the first ADL into the MPEG-7 DDL; and

translating the MPEG-7 DDL into a second ADL different from the first ADL.

9. (Previously presented) The method of claim 8 further comprising:

translating the second ADL into a binary communication for forwarding to the

second client.

10. (Currently amended) A computer-readable medium having executable instructions to cause a computer to perform a method comprising:

receiving, by a first client, a binary communication corresponding to a first ADL (application descriptive language), the ADL being is a subset of MPEG-7 DDL (description definition language); and

translating, by the first client, the binary communication into the first ADL, the binary communication being translated using a decoding codebook generated using a frequency table, and an XSLT (XML style translation) document for translating MPEG-7 DDL into the first ADL.

11. (Previously presented) The computer-readable medium of claim 10, wherein the method further comprises:

generating the first ADL from the MPEG-7 DDL.

12. (Currently amended) The computer-readable medium of claim 10, wherein the method further comprises:

generating, by the a server, the XSLT document.

13. (Previously presented) The computer-readable medium of claim 10, wherein the method further comprises:

      generating, by ~~the~~ a server, the frequency table for translating the first ADL into the binary communication.

14. (Previously presented) The computer-readable medium of claim 10, wherein the method further comprises:

      downloading, by the first client, the frequency table and the XSLT document, prior to receiving the binary communication.

15. (Cancelled)

16. (Previously presented) The computer-readable medium of claim 10, wherein the method further comprises:

      communicating information carried by the binary communication to a second client via ~~the~~ a server.

17. (Previously presented) The computer-readable medium of claim 16, wherein the method further comprises:

      translating the first ADL into the binary communication;

      forwarding the binary communication to the server;

      translating, by the server, the binary communication into the first ADL;

      translating the first ADL into the MPEG-7 DDL; and

      translating the MPEG-7 DDL into a second ADL different from the first ADL.

18. (Previously presented) The computer-readable medium of claim 17, wherein the method further comprises:

      translating the second ADL into a corresponding binary communication for forwarding to the second client.

19. (Currently amended) A communications system comprising:

a server coupled to a network of clients to transmit a binary communication corresponding to a first ADL (application descriptive language) to a first client, the first ADL being a subset of MPEG-7 DDL (description definition language), wherein the first client is operable to translate the binary communication into the first ADL using a decoding codebook generating using a frequency table and an XSLT (XML style translation) document for translating MPEG-7 DDL into the first ADL.

20. (Previously presented) The communication system of claim 19, wherein the server is further operable to generate the first ADL from the MPEG-7 DDL.

21. (Previously presented) The communication system of claim 19, wherein the server is further operable to translate the first ADL into the binary communication.

22. (Currently amended) The communication system of claim 19, wherein the server is further operable to generate an the XSLT (XML style translation) document for translating MPEG-7 DDL into the first ADL.

23. (Currently amended) The communication system of claim 19, wherein the server is further operable to generate a the frequency table for translating the first ADL into the binary communication.

24. (Previously presented) The communication system of claim 19, wherein the server is further operable to communicate information carried by the binary communication to a second client.

25. (Previously presented) The communication system of claim 24, wherein the server is further operable to receive the binary communication, to translate the binary communication into the first ADL, to translate the first ADL into the MPEG-7 DDL, and to translate the MPEG-7 DDL into a second ADL different from the first ADL.

26. (Previously presented) The communication system of claim 25, wherein the server is further operable to translate the second ADL into a corresponding binary communication for forwarding to the second client.

27. (Currently amended) The communication system of claim 19, wherein the first client is operable to receive the binary communication, and to translate the binary communication into the first ADL using a frequency table and an XSLT (XML style translation) document for translating MPEG-7 DDL into the first ADL.

28. (Previously presented) The communication system of claim 27, wherein the first client is further operable to download the frequency table and the XSLT document[[,]] prior to receiving the binary communication.

29. (Cancelled)